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## FEBRUARY 1.

The President, Dr. JOSEPH LEIDY, in the chair.

Twenty-two persons present.

Papers under the following titles were presented for publication;

"On the Cretaceous Formations of Texas, and their relations to those of other portions of North America," by Charles A. White.

"On Zinc—Manganese Asbestos," by George A. Koenig, Ph. D.

*Parasite of a Bat.*—Dr. LEIDY remarked that it was a common opinion among country people that swallows and bats were infested with bed-bugs and often introduced them into houses. He had convinced himself that the *Cimex* infesting the cliff-swallow was a different species from the bed-bug.<sup>1</sup> He had repeatedly examined bats without finding *Cimex*. On one of two small bats, from Panama Bay, presented this evening by Dr. Wm. H. Jones, he found two singular insects, which appear to be the *Polyctenes fumarius*, described by Prof. Westwood from a bat of Jamaica. They are about half of the size given for the species, but otherwise appear to agree in all respects. It has four jointed antennæ, with the first pair of limbs short and the other pair long. The insect has distinct hemicytra.

*On a Peculiar Form of Molybdenite.*—Dr. GEO. A. KOENIG called attention to a specimen of Molybdenite from the German-town quarries, presented by Mr. Thomas Meehan. The Molybdenite forms a perfect cylinder, 2 inches long by  $\frac{1}{2}$  inch diameter. It shows a lamellar structure, but the leaves are twisted and felted together. Owing to the remarkable shape the speaker had supposed the substance to be graphite and placed by some persons—quarrymen—in a  $\frac{1}{2}$  inch drill-hole, ramming it down tightly. Blowpipe tests, however, show the substance to be Molybdenite. In the open tube a peculiar odor was noticed not quite like that of Selenium but near it, and it was believed to be desirable that a quantitative analysis should be made.

## FEBRUARY 8.

Mr THOMAS MEEHAN, Vice-President, in the chair.

Fourteen persons present.

A paper entitled "On Invertebrates from the Eocene of Mississippi and Alabama," by Otto Meyer, was presented for publication.

The following were ordered to be printed.—

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<sup>1</sup> Proc. 1877, 284.